

BoSSNET



NEW IDEAS

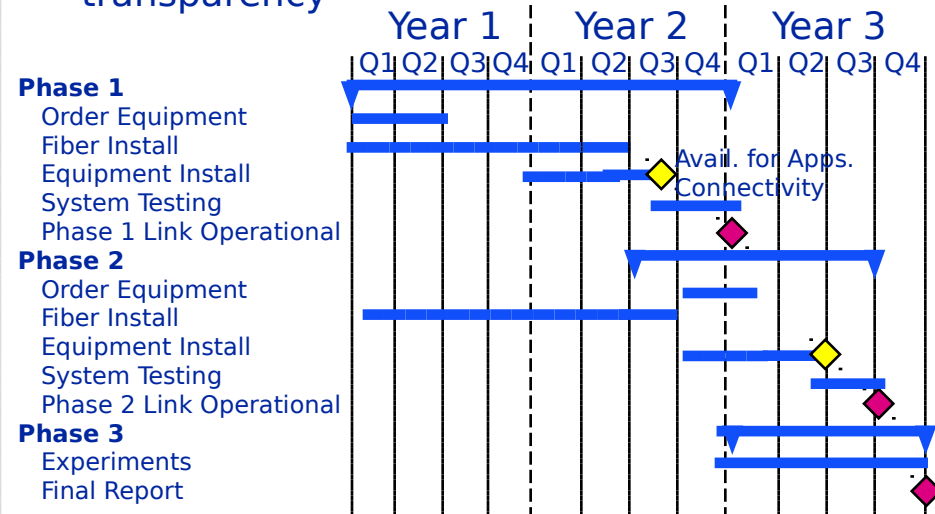
- First wide area transparent optical network testbed which exploits modern commercially available fiber optic cable plants
- Increase transparent capacity (bit-rate-distance product) through the exploitation of non-conventional waveforms, nonlinear pulse propagation, and advanced optical node technology
- Demonstrate wide area optical networking and

IMPACT

- Determine data rate and distance limits of transparent, unrepeated fiber optic networking
- Reduce cost of wideband point-to-point terrestrial communications
- Provide an infrastructure for wide area all-optical network research
- Provide an infrastructure for broadband collaborative applications

broadband DoD applications that exploit network transparency

SCHEDULE



MIT Lincoln Laboratory